

WEST Search History

DATE: Tuesday, April 30, 2002

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

L20	L19 same l1	0	L20
L19	L18 same l7	46	L19
L18	l14 or l15	497	L18
L17	L16 same l2	192	L17
L16	l4 or L15	570	L16
L15	glucose dehydrogenase	394	L15
L14	gdh	147	L14
L13	l11 same l2	0	L13
L12	L11 same l1	0	L12
L11	l5 same l7	70	L11
L10	l5 same l8	0	L10
L9	l5 same l8L8	0	L9
L8	l6 same L7	0	L8
L7	pqq or quinoprotein or pyrrolo	1859	L7
L6	l1 same l2 same L5	19	L6
L5	dehydrogenase	11704	L5
L4	l1 same l2 same L3	181	L4
L3	enzyme	100362	L3
L2	albumin	42148	L2
L1	lyophil\$7 or freeze adj (dry or dried)	44490	L1

END OF SEARCH HISTORY

L14 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2002 ACS

AB Tablets consisting of sep. layers of enzymes and coenzymes are formulated that are highly stable and efficient for the enzymic detn. of various biol. substances. Thus, powders of NADH 29, glycine 228, and inert substance 9 g were mixed (mixt. 1); similarly, powders of glycine 114 and inert substance 6 g were mixed (mixt. 2). Sep., 15 mL **malic dehydrogenase** (11,000 units/mL), 3 g **albumin**, and 205 g glycine were mixed with 150 mL water, adjusted to pH 7.5, **freeze-dried**, and to this was added 12 g inert substance (mixt. 3). Three-layer tablets (4.3-mm thick .times. 5-mm diam.) were prepd. from 40 mg mixt. 1, 20 mg mixt. 2, and 40 mg mixt. 3. Percents of remaining enzyme activity after 3 wk were 92 and 61% for the 3-layer tablets and a conventional **freeze-dried** prepn. kept in a vial, resp.

AN 1977:580317 CAPLUS

DN 87:180317

TI Enzyme-coenzyme tablet

IN Morita, Koichi; Ohtsuka, Mitsuo; Igusa, Kazuo; Kamizaki, Toshio

PA Chugai Seiyaku K. K. Sogo Kenkyusho, Japan

SO Japan. Kokai, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 52080886	A2	19770706	JP 1975-155886	19751227
	JP 58026320	B4	19830602		

=> DIS HIST

(FILE 'HOME' ENTERED AT 14:00:38 ON 30 APR 2002)

FILE 'REGISTRY' ENTERED AT 14:00:44 ON 30 APR 2002
E PQQ-DEPENDENT GLUCOSE DEHYDROGENASE/CN

L1 1 S E3

FILE 'CAPLUS, BIOSIS, USPATFULL, WPIDS, MEDLINE, AGRICOLA' ENTERED AT
14:01:59 ON 30 APR 2002

L2 419 S E.C. 1.1.99.17 OR L1

L3 73002 S LYOPHIL?

L4 43325 S FREEZE (W) (DRY OR DRIED)

L5 109062 S L3 OR L4

L6 4 S L2 AND L5

L7 4 DUP REM L6 (0 DUPLICATES REMOVED)

L8 406871 S DEHYDROGENASE?

L9 370394 S ALBUMIN?

L10 6054 S L8 (P) L9

L11 765915 S ASPART? OR GLUTAM? OR KETOGLUTAR? OR MALIC OR MALATE OR KETO

L12 1976 S L10(P) L11

L13 22 S L12 (P) L5

L14 18 DUP REM L13 (4 DUPLICATES REMOVED)